

From: Sgraves@TechLawInc.com
Sent: 12/28/2011 3:26:11 PM
To: "Richard Rupert/R3/USEPA/US" <Rupert.Richard@epamail.epa.gov>
CC:
Subject: RE: SAP for Dimock

Thanks. I'll take a look at this at the hotel tonight and I'll pass this on to the rest of the guys.

Suddha Graves
TechLaw, Inc.

-----Original Message-----

From: Richard Rupert [mailto:Rupert.Richard@epamail.epa.gov]
Sent: Wednesday, December 28, 2011 3:24 PM
To: Graves, Suddha
Subject: Fw: SAP for Dimock

Fyi

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----- Original Message -----

From: Ralph Ludwig
Sent: 12/28/2011 12:14 PM CST
To: Richard Rupert
Subject: Re: SAP for Dimock
Hi Rich,

The TechLaw folks contacted me following our conference call this morning to clarify some issues. We talked about the field parameters we measure (ferrous iron, sulfide, alkalinity, turbidity). I have looked at the SAP (including Tables 1 & 2) for your proposed Dimock study and it is reasonably consistent with our QAPP for the retrospective study we are carrying out in Bradford County. The only inconsistencies of note were the GRO and DRO analyses not included in your SAP and the field ferrous iron analysis, field sulfide analysis, field alkalinity analysis, and field turbidity analysis also not included in your SAP. We do not do oil and grease analysis or C14 analysis. Your Table 2 suggests pH will be measured in the lab. If you are measuring pH in a flow through cell with a YSI unit or equivalent, then there would be no need for you to have pH measured in the lab. (pH can be an unstable parameter and so it is better to get the measurement in the field.) I have attached a description of the sampling methodology we are using for homes in Bradford County and for the [Ex. B - Personal Privacy] and [Ex. B - Personal Privacy] residences in Dimock for your reference. The second attachment below is a table summarizing our field QC samples. As discussed, trip blanks should accompany coolers containing dissolved gas samples and VOC samples. We are also collecting one set of field blanks each day for each analysis

(except Isotech samples) and are placing one temperature blank in each cooler. Your Table 2 currently does not indicate how many rinsate blanks will be collected.

I will get back to you if additional thoughts come to mind.

Ralph

(See attached file: sampling order NE PA.docx)(See attached file: Field QC samples.docx)

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